IN THE CLAIMS

1. (Currently Amended) Braking indicator of the lighting type located in the rear part of a vehicle, comprising an electronic controller for processing actual vehicle speed and engine rpm signals and a segment of lights ~~is~~ connected to the electronic controller such that ~~the~~ a number of lights ~~which~~ are lit up ~~is~~ proportional to actual loss of speed of the vehicle whereby the number of lights and the rate at which the lights progressively light up conveys rapid information to other drivers on the actual loss of speed as a result of action on ~~the~~ a braking system of the vehicle or sudden slowing of the engine, and whether the ~~type of~~ braking ~~which~~ is ~~being applied~~, intense or progressive, and whether at the end of braking the vehicle is moving or stationary, wherein the number of lights of said segment which are lit is directly and inversely proportional to vehicle speed.

2. (previously presented) Vehicle braking indicator according to claim 1, wherein said segment of lights is divided into two equal parts with a fixed number of lights which converge or diverge to or from the center thereof when in operation.

3. (Cancelled)

4. (Currently Amended) Vehicle braking indicator according to claim 1, wherein the electronic controller comprises a microprocessor with a braking indication program that processes the vehicle speed signal when the braking system is activated in such a way that instantaneous speed read is allocated to a number of lights in each part of said segment and accordingly the lights in the two parts light up progressively as the speed of the vehicle changes during braking.

5. (Currently Amended) Vehicle braking indicator according to claim 4, wherein the microprocessor is also triggered by ~~the~~ a signal from a derivative circuit from the engine rpm signal.

6. (Previously presented) Vehicle braking indicator according to claim 1, wherein brightness of the lights which light up in each segment is controlled by an environmental light sensor in a directly proportional manner.

7. (Previously presented) Vehicle braking indicator according to claim 6, wherein a switch is used to disconnect the environmental light sensor and apply maximum brightness to the lights which light up.

8. (Previously presented) Vehicle braking indicator according to claim 1, wherein the signal reached during the entire braking time is switched off with a specific delay when force ceases to be applied to the brake system.

9. (Previously presented) Vehicle braking indicator according to claim 1, wherein the segment which lights up in a variable way may incorporate a zone which always lights up independently of the braking signals.

10. (Original) Vehicle braking indicator according to claim 1, wherein when the vehicle is at rest and the vehicle speed signal is zero, action on the braking system produces signals by the electronic controller to light up all of the lights of the light segment.

11. (Cancelled)